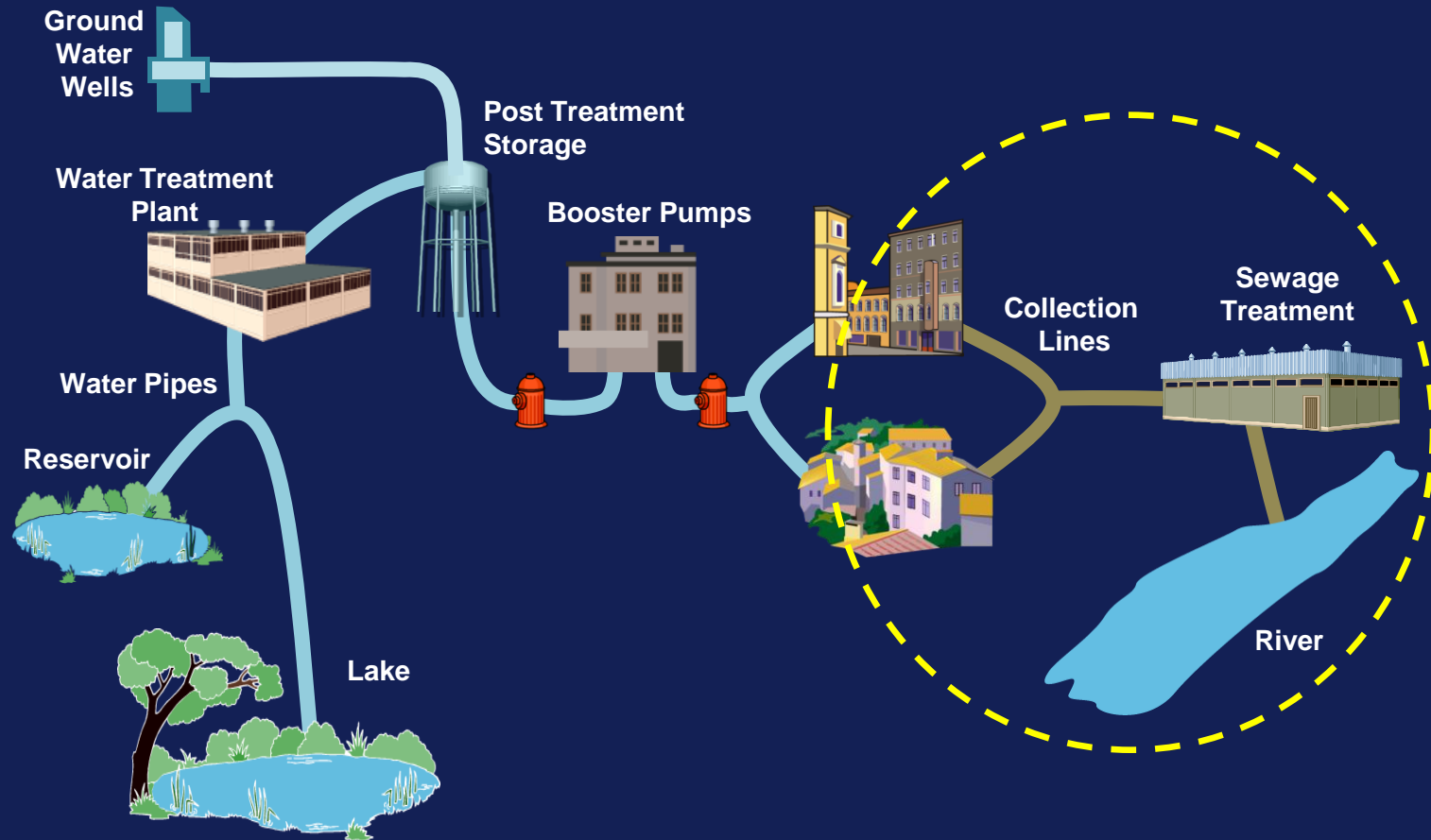
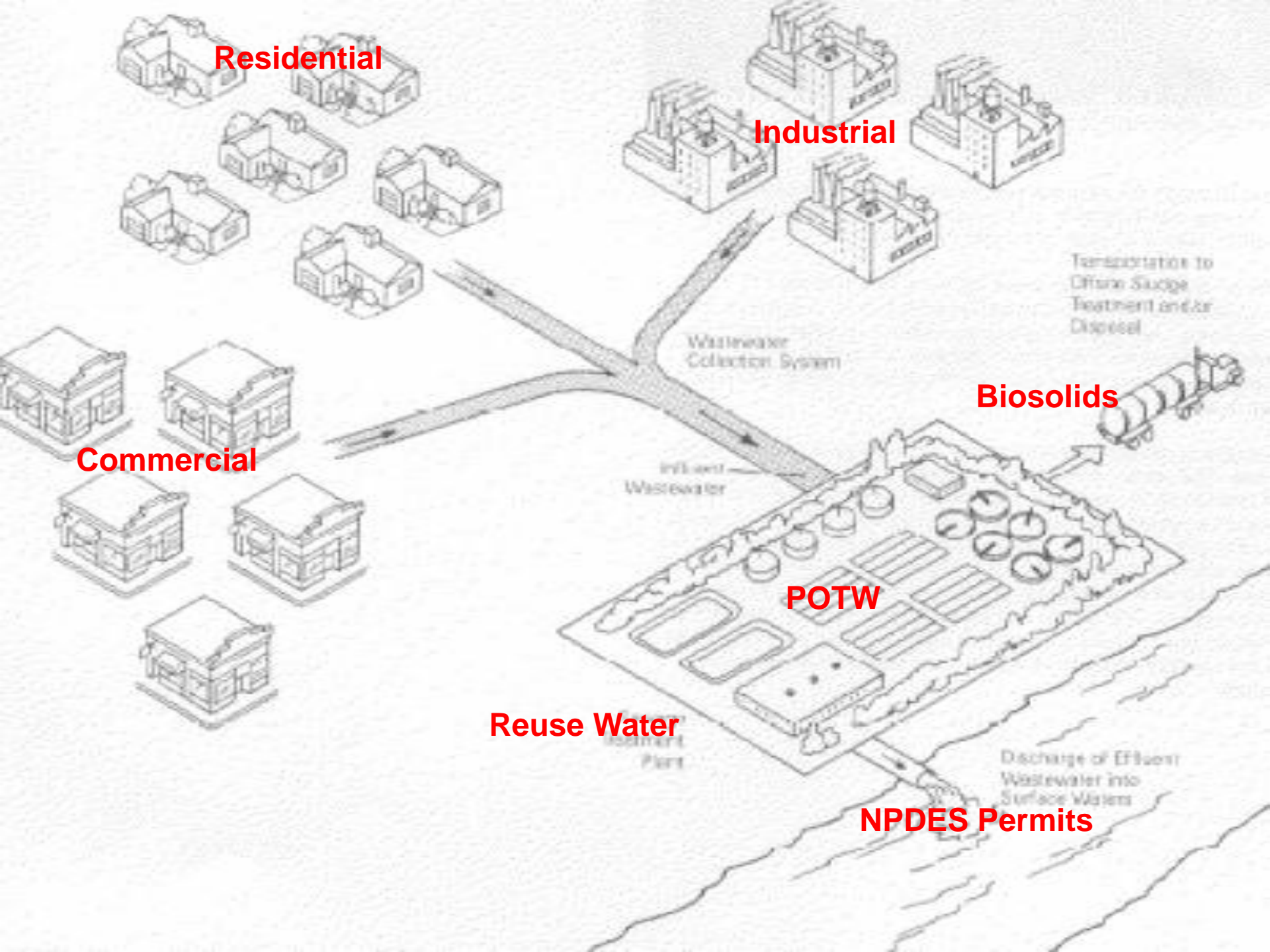


# Wastewater Portion of Life Cycle

Source → Treatment → Distribution → Collection → Sewer/Treatment → Discharge





# Wastewater Systems and Assets

## Wastewater systems:

- 16,500\* wastewater treatment plants
- 21,000 sewage collection systems
- 100,000 major pumping stations
- 600,000 miles of WW sewer lines
- 200,000 miles of storm sewer lines




## Other assets:

- Cyber control systems
- Treatment chemicals
- Human resources



\*Numbers are rounded

- 
- 16,500 POTWs
    - ~8,000 – Majors (town of 5k)
    - 3,500 POTW contribute ~94% of the Total wastewater flow in US.

# Wastewater Assets



# Wastewater Treatment Facility



# Human Resources





# Wastewater Collection Components





# Wastewater Booster or Lift Station









